

External ICAP Rights for the 2023/2024 Capability Year (Prior to Deliverability Testing) & ICAP Manual Updates

Gabe Centi

ICAP Market Operations

BIC

February 15, 2023

Agenda

- **External ICAP Rights for the 2023/2024 Capability Year (Prior to Deliverability Testing)**
- **Other Proposed Revisions to ICAP Manual**
 - First Come First Serve Facsimile Request Process
 - UDRs for the HTP Scheduled Line
 - GADS Cards Column References
 - GADS Performance and Event Cards
 - GADS Minimum Data Requirements
- **Feedback on the External ICAP Rights Tables being relocated to the ICAP Manual Appendix**

External ICAP Rights for the 2023/2024 Capability Year (Prior to Deliverability Testing)

Objective

- To determine the maximum amount of import capacity allowed from neighboring Control Areas (CAs) (Section 4.9.6 of ICAP Manual)
- MARS simulations were performed on the LCR MARS database to determine capacity imports allowed without violating the LOLE criterion

Ties Excluded

- **Interface facilities having UDRs**
- **Controllable lines from PJM into NYCA**
- **The NUSCO 1385 (NNC) line**

Methodology

- **MARS Database: 2023/2024 final IRM database as updated for the LCR study**
- **Model Grandfathered Rights imports consistent with the IRM study**
- **Determine the amount of capacity imports allowed before violating the LOLE criterion**

Methodology – continued

- Perform individual runs of each included external tie (beyond the Grandfathered Rights imports) to determine the ratio of the total ICAP imports each external tie will receive
- Perform a simultaneous run to determine the total External ICAP rights
- These ICAP imports, when added to the Grandfathered Rights Imports, determine the total simultaneous import limits before deliverability testing

Deliverability Test

- **The final values for import capability reported will be subjected to a deliverability test**
- **If all the MWs are deemed deliverable, then the final values reported will be the Import Rights per each Control Area**
- **If the MWs are not all deemed deliverable, the final values for each Control Area will be reduced to the amount deliverable**

Results

2023 Import Rights

Four-Control-Area-Participation	PJM	ISO-NE	Quebec	Ontario	Totals
Initial Values (TTC Summer Ratings)	1450	1400	1690	1950	6490
Grandfathered Rights*	1080	0	1110	0	2190
Individual Limits (above GF)	193	250	39	268	750
Simultaneous Limits (above GF)	58	75	11	80	224
Final Values **	1138	75	1121	80	2414

*Includes ETCNL for these purposes

**2023/2024 Capability Year Subject to Deliverability Study

Results – continued

	2023-2024 Capability Year					2022-2023 Capability Year				
Four-Control-Area-Participation	PJM	ISO-NE	Quebec	Ontario	Totals	PJM	ISO-NE	Quebec	Ontario	Totals
Initial Values (TTC Summer Ratings)	1450	1400	1690	1950	6490	1450	1400	1690	1850	6390
Grandfathered Rights*	1080	0	1110	0	2190	1080	0	1110	0	2190
Individual Limits (above GF)	193	250	39	268	750	218	401	17	77	713
<i>Individual Limits (above GF) Delta</i>	-25	-151	-22	191	-129					
Simultaneous Limits (above GF)	58	75	11	80	224	66	122	5	23	216
<i>Simultaneous Limits (above GF)Delta</i>	-8	-47	6	57	8					
Final Values **	1138	75	1121	80	2414	1146	122	1115	23	2406
<i>Final Values** Delta</i>	-8	-47	6	57	8					

*Includes ETCNL for these purposes

**2023/2024 Capability Year Subject to Deliverability Study

Additional ICAP Manual Revisions

Revisions Related To First Come First Serve

- **Revisions to the ICAP Manual are necessary to remove the superseded FCFS facsimile process. The current process is already outlined in ICAP Manual Section 4.9.2.5**
 - Remove ICAP Manual Section 4.9.2.4
 - Remove “Summer 2019 and Beyond” from ICAP Manual Section 4.9.2.5

Revisions related to the HTP UDRs

- Revisions to the ICAP Manual are necessary to reflect the current status of the HTP UDRs
 - Section 4.9.6
 - Add footnote 3 – “CRIS Rights for the HTP scheduled line expired 4/30/2020”

Revisions Related to NERC GADS Reporting

- **Revisions to the ICAP Manual Attachments are necessary to align with the latest NERC GADS Data Reporting Instructions**
 - Attachments J
 - Update outdated column number references to align with the current NERC GADS Event and Performance card formats
 - These standards have been in place for several years
 - Attachment K
 - Updated GADS Event and Performance card layouts
 - Added a reporting requirements guide for the minimum data set required by the NYISO for production-based resources.

Feedback on a Potential ICAP Manual Revision

Revision Related to the Location of the External ICAP Rights Tables*

- **Currently the ICAP Imports Rights Tables exist in the ICAP Manual Section 4.9.6**
 - Update to the ICAP Manual must be voted on and approved at the Business Issues Committee (BIC).
 - To effectuate these changes prior to the First Come First Serve process for upcoming capability season, the February BIC is the latest BIC to vote on Import Rights.
- **Proposal would be to expand ICAP Manual Attachment E and relocate the tables there**
 - This proposal removes the requirement of a BIC vote on the Import Rights effective for the upcoming capability year.
 - This would allow for more time to accommodate any late IRM/LCR changes and allows for the possibility of the completion of the Deliverability Study prior to the results being presented.
 - Currently, due to the requirement of a BIC vote, the timeline to Import Right changes are to be posted “Under Review” for the required 15 days prior to a BIC presentation for ICAP Manual changes.
 - Moving the tables to Attachment E removes this requirement and allows for the ICAPWG review to occur during a February ICAPWG Meeting.
 - NYISO would continue to present the Import Rights results to the ICAPWG and the BIC. The only change is there would be no requirement for a BIC vote on the Import Rights.
 - The External ICAP Rights process would remain captured in the ICAP Manual Section 4.9.6. This assures that any proposed changes to the procedure itself would still require a vote.
- **Feedback?**
- **In addition to feedback provided today, please provide any additional comments to Gabe Centi (gcenti@nyiso.com)**

* Slide updated after the 1/26/2023 ICAPWG to provide additional context.

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation